

FMC

FMC-Autoscan

**Model 4050 Series
Engine Analyzers**



Programmed for Profits

Push Button Controls

Versatility Is Built Into New 4050 Designed For Fast, Easy Operation

Versatility is the keynote with the 4050 series—cabinet, track, or stand mounting; infrared, fuel injection, or remote control options—whatever your diagnostic and vehicle testing needs are, the 4050 series diagnostic console gives you the capability to fulfill yours as well as your customers' requirements.

MODEL 4050 SERIES FEATURES AND SPECIFICATIONS

PUSH BUTTON CONTROLS:

Push Button controls allow for fast and convenient operation.

ALL CLAMP-ON CONNECTIONS:

All clamp-on connections allow you to attach the 4050 even with the engine running without breaking into any circuitry.

TESTS 2, 4, 6, OR 8 CYLINDER

ENGINES: The 4050 tests all domestic engine configurations and all major imports.

2 OR 4 CYCLE ENGINES: There is a growing need for test capability within the two-cycle engine marketplace. The 4050 allows you to use your standard connections as long as the secondary ignition system is available for connection.

CONVENTIONAL OR ROTARY

ENGINES: The 4050 simultaneously tests both leading and trailing ignition systems on the rotary engine.

TESTS ALL IGNITION SYSTEMS:

The 4050 series is capable of testing all ignition systems that the technician is faced with today—electronic, high energy, and capacitive discharge as well as conventional.

MAGNETIC PICK-UP CAPABILITY FOR ELECTRONIC IGNITIONS:

This feature allows you to look at the primary wave form utilizing a CRT display to give added capability in diagnosing electronic ignition systems.

MULTIPLE CYLINDER

SHORTING: This enables the technician to select any number or sequence of cylinders to be shorted out at any RPM.

AUTO RANGING TACHOMETER:

Auto ranging tachometer automatically selects the RPM range in use.

FIXED AND VARIABLE STROBE:

This allows the technician to take an RPM reading off any turning object (tests fan clutches, etc).

VACUUM PRESSURE GAUGE:

Vacuum pressure gauge 0-30" vacuum and 0-15 p.s.i.

INDIVIDUAL CYLINDER

DISPLAY: Individual Cylinder Display isolates problems in the ignition system to a specific cylinder.

TIMING LIGHT ADVANCE TEST:

This feature allows the technician to look at the amount of advance that the engine is capable of at test speed. The visual alert automatically alerts the technician that he has attained test speed.

14 INCH MAGNETIC DEFLECTION OSCILLOSCOPE:

The large magnetic deflection oscilloscope with the control on the back of the console allows the 4050 to be used even in bright sunlight.

12 SCOPE DISPLAYS (PRIMARY AND SECONDARY): The 4050 offers any and all patterns or

combination of patterns that the technician would ever need to easily pin-point ignition problems.

6 INCH TOP-LIGHTED, COLOR-CODED METERS: By color-coding the meter displays, we are able to give the technician easy reference to the scale that he is reading.

SELF-TESTING: The self-test switch on the back of the unit enables the technician to self-test his own machine.

SOLID-STATE CIRCUITRY: Solid-state circuitry assures the technician that his readings are always accurate.

MODULAR DESIGN: Modular design backed up by circuit board subsystems gives the unit service capability that can be performed in most cases on site.



MODEL 4050 WITH CABINET

Quality, Performance, Reliability

New Model 4050 Series Analyzer Is Programmed For Profits

Quality. Performance. Reliability. Ease of operation. FMC-Autoscan 4050 Engine Analyzer Series has it all. Plus more exclusive money-making features than any other analyzer on the market.

Now, at last, you can pinpoint problems in the ignition and fuel induction systems quickly and accurately, without guesswork or time consuming interpretation. . . and with absolute confidence that the work you do is the work needed.

Any type engine — 2, 4, 6, or 8 cylinders, conventional or rotary, 2 or 4 cycle. . . any ignition system,

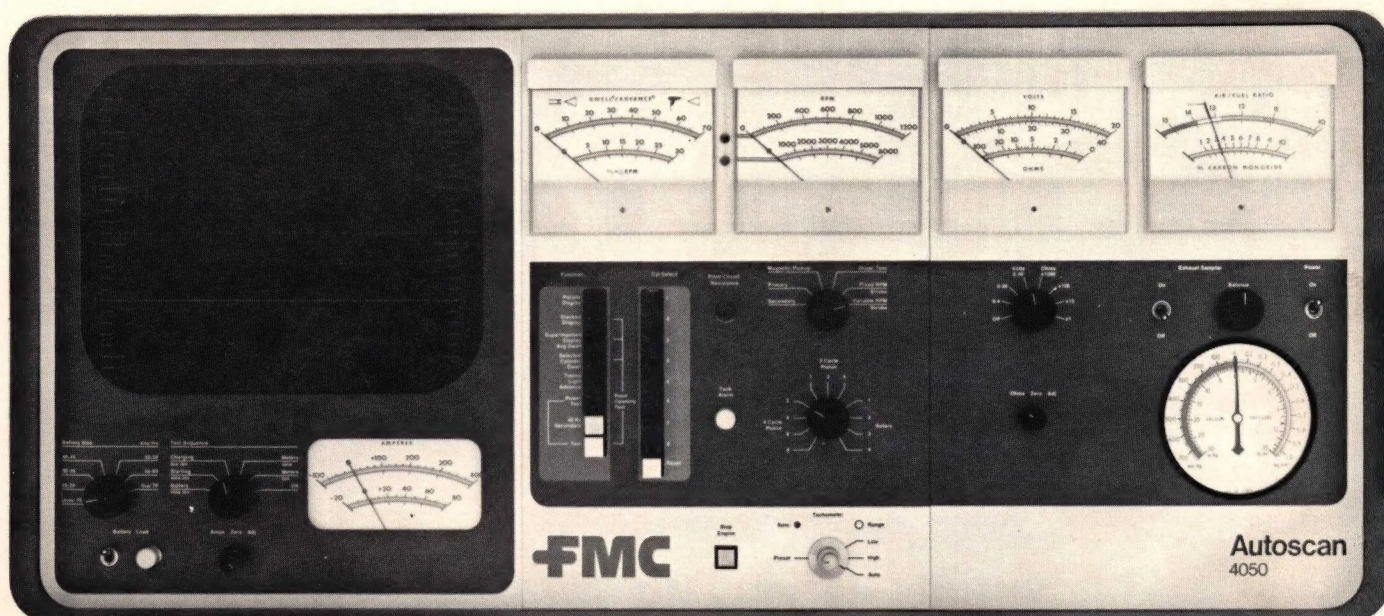
electronic or conventional—the 4050 tests them all, completely and efficiently. Just flip a switch and push a button. The controls and readings are as easy and fast as the all clamp-on connections, allowing the technician to concentrate on the problem with the vehicle and not how to operate the equipment.

Modularly constructed with dependable solid-state circuitry throughout, the 4050 is designed to answer your requirements today. . . as well as tomorrow. A wide range of options include remote control, infrared HC/CO analysis, fuel injection capability, track mounting, and more. Each is available as part of the original model. . . or later, when

your business demands it.

Truly, the new 4050 is in a class by itself. It is the culmination of years of research by a recognized leader in the field of automotive diagnostic equipment — Autoscan. And most important to you, it is backed by people who stand behind their products.

Write or call for more information on this truly remarkable piece of equipment. Better yet, ask for a free demonstration in your place of business. We're certain that once you've seen the 4050 in action, you'll agree there's a new standard of excellence among engine analyzers.



CONSOLE DIMENSIONS:

41" wide, 18" high, and 20" deep.
Shipping Weight (approx.) 161 lbs.

POWER REQUIRED:

115 volts AC 300 watts.

4050 SERIES MODELS:

Model 4051 — Engine Analyzer including electrical system tester;
Model 4052—Same as the 4051 except electrical system tester not included;

Letters following model numbers indicate the following additions:
IR-(Integral HC/CO emission tester); P-(Remote Control Pendant); FI-(Fuel Injection Test Capability).

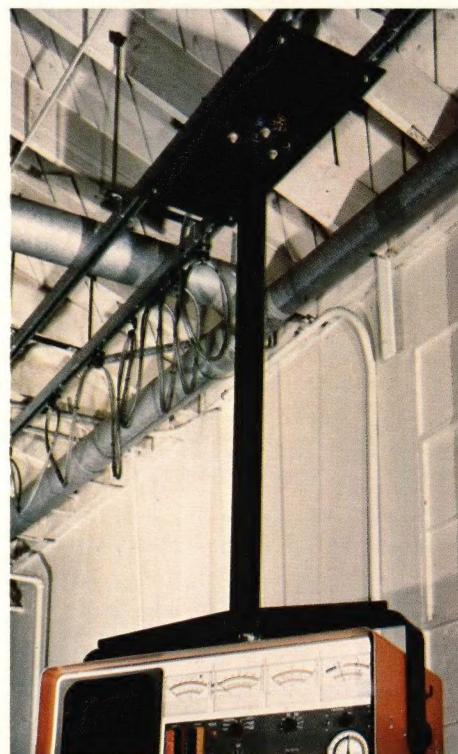


The 450 Cabinet gives the 4050 versatility and additional storage capability that is so often needed in the service area and is a handsome addition to your 4050 diagnostic console.

By adding the HC/CO IR module to your 4050 series analyzer at the time of purchase or as an in-field retrofit, you now have the most versatile diagnostic console available in the marketplace today.

Optional accessories on the 4050 Series include:

- (1) **Remote Control Pendant**, useful for dynamometer applications.
- (2) **Electrical Fuel Injection test capability** (includes a Remote Control Pendant).



By using a Model 415 track mounting kit your 4050 diagnostic console makes the tune-up department more prominent. It saves valuable floor space and adds professionalism and security to the 4050 system.

Other FMC-Autoscan Diagnostic Equipment

The complete line of FMC-Autoscan diagnostic equipment includes: the model 570 Electrical System Tester—a modern transistorized tester for rapid, accurate, electrical tests on 12-volt vehicle systems; Model 710 and 705 Infrared HC/CO

analyzers—the ultimate in accurate, efficient and simple measurement and analysis of HC/CO in exhaust gases; Model 8100 Dynamometer—for dependable under-load testing in your shop.

For Sale and Service assistance call us on toll-free number:

(800) 421-0682

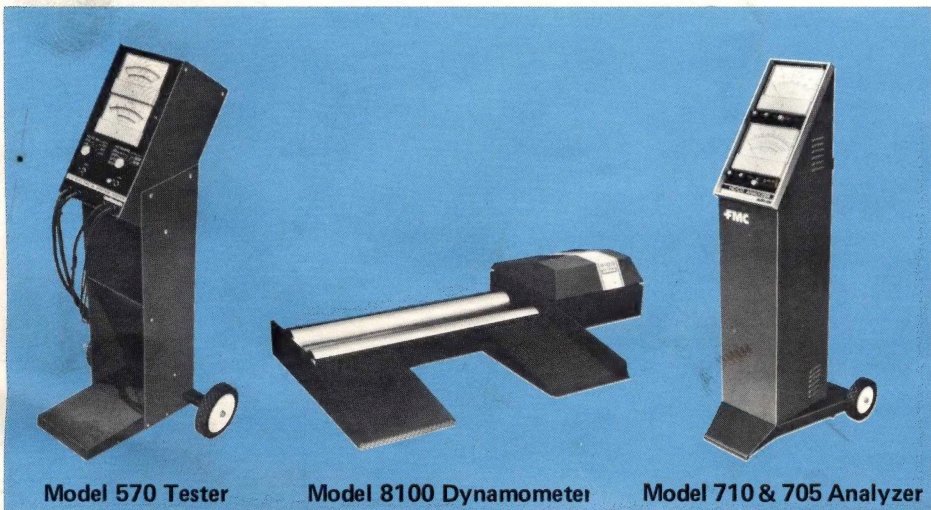
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Model 570 Tester

Model 8100 Dynamometer

Model 710 & 705 Analyzer